Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/716,743

Examiner

SATO ET AL.
Art Unit

Tianjie Chen

Date

2627

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| N   | Non-Elected  |
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| . 1 | Interference |

| A | Appeal   |
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| o | Objected |

| Cla                  | Г  |                | -            |  | Dat      | e            |              |  |  |             |
|----------------------|--|----------------|--------------|--|----------|--------------|--------------|--|--|-------------|
|                      | 1  | T              | Г            | Г  | Ť        | Ť            | T            |  |  |             |
| Final                | Original   | 12/21/06       |              |  |          |              |              |  | I  |             |
| 1                    | 1  | =              |              |  | 1        | 1            | †            | t  |  |             |
| <u> </u>             | 2  | 7              | -            | <del>                                     </del> | H        | t            | t            | -  | <del>  -</del>                                   | $\vdash$    |
| 2                    | 2  | /              | ├            | -  | -        | ╌            | +            | -  | ┼  | ┼           |
| <del>  _</del>       | 13   |                | <del> </del> | ⊢  | ⊢        | ⊢            | ⊢            | ┝  | ╄-   | ₽-          |
|                      | 4  | 1              | L            | <u> </u>   | _        | <u> </u>     | ╙            | _  | ↓  | <u> </u>    |
| 13                   | 1<br>2<br>3<br>4<br>5<br>6   | =              | L            |  | <u> </u> |              |              |  |  | <u>L</u>    |
|                      | 6  | 1              |              |  | 1        |              |              |  | 1  |             |
| 3                    | 7  | =              |              | П  |          |              |              | Γ  |  |             |
| 4                    | 8  | =              | Π            | Г  |          |              |              |  |  |             |
|                      | 9  | 7              |              |  |          |              |              | <del>                                     </del> | 1  |             |
| 15                   | 10   | =              |              |  | _        | $\vdash$     | $\vdash$     | H  |  | T           |
| 15<br>5              | 11   | ╁              | $\vdash$     | t  |          | 1            | Η            | <del>                                     </del> | <del>                                     </del> | $\vdash$    |
| <u> </u>             | 12   | =              | $\vdash$     | $\vdash$   | $\vdash$ | +            | <del> </del> | <del>  -</del>                                   | +  | $\vdash$    |
| 1 7                  | 12   | <del>  -</del> | $\vdash$     | $\vdash$   | +-       | <del> </del> | ╁            | $\vdash$   | $\vdash$   | $\vdash$    |
| 6<br>7<br>8          | 14   | =              | $\vdash$     | <del> </del>                                     | $\vdash$ | ├-           | ├            | ├  | ├  | $\vdash$    |
| - <del>0</del> -     | 14   |                | $\vdash$     | <u> </u>   | ⊢        | <del> </del> | <del> </del> | <del> </del>                                     | $\vdash$   | $\vdash$    |
| 9                    | 15   | =              | <u> </u>     | -  | -        | <del> </del> | <del> </del> | <u> </u>   | <u> </u>   |             |
| 10<br>11<br>12<br>14 | 16   | =              | <u> </u>     | <b> </b>   | <u> </u> | $\vdash$     | _            | $\vdash$   | ┞-   | <u> </u>    |
| 11                   | 17   | =              | L_           | <u> </u>   | _        | $oxed{oxed}$ | $oxed{oxed}$ | $oxed{oxed}$                                     | $oxed{oxed}$                                     | Ш           |
| 12                   | 18   | =              |              |  |          | L            | L            | L  | L  |             |
| 14                   | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | =              |              | Ĺ  |          | Ĺ            | $L^-$        | L  |  |             |
|                      | 20   |                |              |  |          |              |              | Γ  |  |             |
|                      | 21   |                |              | Π  |          | Г            |              | Γ  |  |             |
|                      | 22   |                |              |  |          |              |              | Г  | Г  |             |
|                      | 23   |                |              |  |          |              |              | П  |  | П           |
|                      | 24<br>25   |                |              |  |          |              | 1            | İ  |  |             |
|                      | 25   |                |              |  |          | T            |              |  |  |             |
|                      | 26   |                | İ            |  |          |              |              |  |  |             |
|                      | 27   |                |              |  |          |              | $\vdash$     | _  |  |             |
|                      | 28   | 1              |              |  | Г        | 1            | $\vdash$     |  |  |             |
|                      | 27<br>28<br>29   | -              | -            | ╁  | $\vdash$ | $\vdash$     | $\vdash$     |  |  | -           |
|                      | 30   |                | -            | ┝  | $\vdash$ |              |              | -  | ┢  | -           |
|                      | 31   | H              | ├            |  | _        |              | -            | -  | ├  | -           |
| <u> </u>             | 32   | -              | $\vdash$     | $\vdash$   | $\vdash$ | ├-           | ├            | $\vdash$   | $\vdash$   | $\vdash$    |
| <u> </u>             | 32<br>33   | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$ | ├-           | ├—           | $\vdash$   | $\vdash$   | $\vdash$    |
| <del></del>          | 34   | $\vdash$       | $\vdash$     | $\vdash$   |          | ├—           | $\vdash$     | $\vdash$   | $\vdash$   | Н           |
| <del> </del>         | 34   | _              | $\vdash$     | _  | ⊢        | ├            |              | $\vdash$   | $\vdash$   | Н           |
|                      | 35   | _              | _            | <u> </u>   | -        | ├            | <u> </u>     | _  |  | Н           |
|                      | 36   | <u> </u>       | <u> </u>     | ⊢-   | ļ        | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   | Щ           |
|                      | 37   | <u> </u>       | <u> </u>     |  | <u> </u> | <u> </u>     |              |  | <u> </u>   | Щ           |
| <u> </u>             | 38   | <u> </u>       |              | <u> </u>   |          |              | L_           |  | _  | Ш           |
|                      | 39   |                |              | <u> </u>   | L_       |              |              |  |  | Ш           |
| ldash                | 40   | L              |              |  |          | L_           |              |  |  | Ш           |
| $oxed{oxed}$         | 41   | L              |              |  |          |              |              |  |  | Ш           |
| <u> </u>             | 42   | <u> </u>       |              |  |          | <u> </u>     |              |  |  | Ш           |
|                      | 43   |                |              |  |          |              | L_           |  |  |             |
|                      | 44   |                |              |  |          |              | L            |  |  |             |
|                      | 45   |                |              |  |          |              |              |  |  |             |
|                      | 46   |                |              |  |          |              |              |  |  |             |
|                      | 47.  |                |              |  |          |              |              |  |  |             |
|                      | 48   |                |              |  |          |              |              |  |  |             |
|                      | 49   |                |              |  |          | Т            |              |  | _  | $\neg \neg$ |
|                      | 50   |                |              |  | _        |              | _            |  |  | $\dashv$    |

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|     | Final | Original       |              |          |  |          |  |              | į        |          |          |
| Ì   |       | 51<br>52       |              |          |  |          | 1  |              |          |          |          |
| ı   |       | 52             | 1            |          | T  |          |  |              |          |          |          |
| ı   |       | 53             |              |          | Γ  |          |  |              |          |          |          |
| Ì   |       | 54             |              |          |  |          |  |              |          |          | Г        |
| Ì   |       | 55             |              |          |  |          |  |              |          |          |          |
| Ì   |       | 56             | T            | T-       |  |          |  |              |          |          |          |
| İ   |       | 57             |              |          | T  |          |  |              |          |          |          |
| İ   |       | 58             |              | -        |  | 1        |  |              |          |          | Г        |
| 1   |       | 59             |              |          |  |          |  |              |          |          | $\vdash$ |
| - ( |       | 60             |              |          |  |          |  |              |          |          | T        |
| Ì   |       | 61             | _            | _        |  | T        |  |              |          |          |          |
| Ì   |       | 62             | Ι_           | Г        | T  | T        |  |              |          | $\vdash$ |          |
| Ì   |       | 62<br>63       | T            |          |  |          |  |              | Т        | _        |          |
| Ī   |       | 64             | Г            | T-       |  |          |  |              |          |          |          |
| Ī   |       | 65             | 1            |          |  |          |  |              |          |          |          |
| 1   |       | 66             |              |          |  |          |  |              |          | _        |          |
| ı   |       | 67             |              |          |  |          | Г  | Г            | $\vdash$ |          |          |
| Ì   |       | 68             |              |          |  | Ì        | T  | Г            | _        |          |          |
| 1   |       | 69             |              | T        |  |          |  |              |          |          |          |
| ı   |       | 70             |              |          | 1  | <u> </u> | T  |              |          |          |          |
| ı   |       | 70<br>71       | •            |          | <del>                                     </del> | <u> </u> | 1  |              |          |          |          |
| ı   |       | 72             | 1            | ┢        | $\vdash$   |          |  |              |          |          |          |
| ı   |       | 73             |              | $\vdash$ | 1  | _        | <del>                                     </del> |              |          |          |          |
| ı   |       | 72<br>73<br>74 | _            | $\vdash$ |  |          |  |              |          |          |          |
| Ì   |       | 75             | Ť            | T        | $\vdash$   |          |  |              |          |          | $\vdash$ |
| ı   |       | 75<br>76       |              |          | Ι_   |          |  |              |          |          | Г        |
| Ì   |       | 77             |              |          |  |          |  |              |          |          |          |
| Ī   |       | 78<br>79       |              |          |  |          |  |              |          |          |          |
| Ī   |       | 79             |              |          | 1  | Г        |  |              |          |          | Г        |
| ſ   |       | 80             |              |          |  |          |  |              |          |          |          |
| ſ   |       | 81             |              |          |  |          |  |              |          |          |          |
| ſ   |       | 81<br>82       |              |          |  |          |  |              |          | ·        |          |
|     |       | 83             |              |          |  |          |  | l -          |          |          |          |
| [   |       | 84             |              |          |  |          |  |              |          |          |          |
|     |       | 85             |              |          |  |          |  |              |          |          |          |
|     |       | 86             |              |          |  |          | L  | L            |          |          |          |
| L   |       | 87             |              | <u>.</u> |  |          |  |              |          |          |          |
| Ţ   |       | 88             |              |          |  |          |  |              |          |          |          |
| L   |       | 89             |              |          | <u> </u>   |          | _  |              |          |          |          |
| L   |       | 90             |              | _        |  |          |  |              |          |          |          |
| L   |       | 91             | L.           | _        |  |          |  |              |          |          |          |
| ļ   |       | 92             | _            |          |  | <u> </u> |  | <u> </u>     | <u> </u> |          |          |
| L   |       | 93             |              | L        | _  |          |  |              |          |          |          |
| L   |       | 94             | Ŀ            | <u> </u> | <u> </u>   | <u>L</u> | <u> </u>   | Ш            | Ц.       |          |          |
| ŀ   |       | 95             | <u> </u>     |          |  |          |  |              |          |          | L        |
| L   |       | 96             | <u> </u>     | <u> </u> |  | _        | <u> </u>   |              |          |          |          |
| L   |       | 97             | <u> </u>     | L        | <u> </u>   | L        | _  |              |          |          |          |
| -   |       | 98             | -            | <u> </u> | <u> </u>   | Щ        | Ш  | ļ            | Щ        |          |          |
| L   |       | 99             | $oxed{oxed}$ | <u> </u> | <u> </u>   | Щ        |  | L            | Ш        |          |          |
| L   |       | 100            |              | L        | L  |          |  |              |          |          | i        |

| Cla      | aim                             | Γ        |          |  | - 1        | Dat  | е<br>е   |          |                   |          |
|----------|---------------------------------|----------|----------|--|------------|--|----------|----------|-------------------|----------|
|          | П                               |          |          | Г  | Γ          | Г  | <u> </u> | Γ        |                   |          |
| Final    | Original                        |          |          |  |            |  |          |          |                   |          |
|          | 101                             |          |          |  |            |  |          |          |                   |          |
|          | 102<br>103                      | L.       | L        | ļ  | <u> </u>   | ļ  | <u> </u> | L        |                   | Ш        |
|          | 103                             | <u> </u> | _        | <u> </u>   |            |  | <u> </u> | <u> </u> | $oxed{oxed}$      | Ш        |
| <u> </u> | 104<br>105                      | <u> </u> | ـــ      | -  | <u> </u>   | L  | 1_       | _        | _                 |          |
|          | 105                             |          | -        | <u> </u>   | <u> </u>   | ⊢  | _        | <u> </u> | ┞-                |          |
|          | 106                             | ├        | ├        | ├  |            | <u> </u>   | ├-       | ├        | $\vdash$          | Н        |
|          | 107<br>108                      | ┢        | ⊢        | ├  | _          |  | $\vdash$ | ┢        | ├-                | $\vdash$ |
|          | 109                             | ├        | ╁        | <del> </del>                                     |            |  | ┝        |          | -                 | Н        |
|          | 110                             | ┰        | <u> </u> | ┢  |            |  | ┝        | $\vdash$ | ┢                 | H        |
|          | 110<br>111                      |          | 1-       | ┢  |            |  | $\vdash$ | $\vdash$ | ┢                 |          |
|          | 112                             |          | 1        |  | T          | 1  |          |          | T                 | $\Box$   |
|          | 113                             |          |          |  |            |  |          |          |                   |          |
|          | 113<br>114<br>115               |          |          |  |            |  |          |          |                   |          |
|          | 115                             |          | L        | <u> </u>   | <u></u>    |  | _        |          | <u> </u>          |          |
|          | 116<br>117                      |          | _        | _  | _          |  | _        | _        | <b> </b>          | Ш        |
|          | 117                             | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   |  |          | _        | <u> </u>          |          |
|          | 118                             |          | _        | _  | _          |  |          | -        | ├-                |          |
|          | 119<br>120                      |          | -        | ┢  | ⊢          |  |          | -        | <u> </u>          | H        |
|          | 120                             | -        |          | ┢  | ⊢          | -  |          |          | ├                 |          |
|          | 121<br>122<br>123               |          |          | $\vdash$   | ├          |  |          | -        | $\vdash$          | Н        |
| <b>—</b> | 123                             |          | 1        |  | H          | <del>                                     </del> |          | ┢        | <del> </del>      | Н        |
|          | 124                             | 1        | H        | ┢  | -          | _  | -        | $\vdash$ |                   | H        |
|          | 125                             |          | $\vdash$ | <del>                                     </del> | 1          |  |          |          |                   |          |
|          | 124<br>125<br>126<br>127<br>128 |          |          |  | Т          | $\vdash$   |          | Ħ        |                   | П        |
|          | 127                             |          |          |  |            |  |          |          |                   |          |
|          | 128                             |          |          |  |            |  |          |          |                   |          |
|          | 129<br>130                      |          |          |  |            |  |          |          |                   |          |
|          | 130                             |          | <u> </u> |  | L          | <u> </u>   |          |          | $ldsymbol{f eta}$ | Щ        |
|          | 131                             | _        |          |  |            |  | <u> </u> | _        | _                 |          |
|          | 132<br>133                      | _        |          | _  |            |  | _        | <u> </u> | _                 | $\vdash$ |
|          | 133                             | $\vdash$ |          |  | ├-         | -  | ⊢        | ├-       |                   |          |
|          | 135                             | ⊢        | -        |  |            |  | $\vdash$ |          | -                 | $\vdash$ |
|          | 135<br>136                      | -        |          | ┢  |            | $\vdash$   |          | -        |                   | Н        |
|          | 137                             |          |          |  |            |  |          | -        | _                 | Н        |
|          | 138                             | _        | $\vdash$ |  |            |  |          |          |                   |          |
|          | 138<br>139                      |          |          |  |            |  |          |          |                   |          |
|          | 140                             |          |          |  |            |  |          |          |                   |          |
| . ]      | 141                             |          |          |  |            |  |          |          |                   |          |
|          | 142                             |          | _        |  |            |  | _        | Ŀ        |                   |          |
| <u>.</u> | 143                             | <u> </u> | _        | L  | lacksquare | Ш  |          |          |                   |          |
|          | 144                             |          | <u> </u> | <u> </u>   | _          |  | ļ        | <u> </u> | Щ                 | $\sqcup$ |
|          | 145                             |          | <u> </u> |  | <u> </u>   | $\vdash$   |          | $\vdash$ | Ш                 | _        |
|          | 146<br>147                      |          | -        | -  |            | $\vdash$   | -        | _        | $\vdash\vdash$    | $\dashv$ |
|          | 148                             | <u> </u> |          | _  |            |  | -        | _        | Н                 | $\dashv$ |
|          | 149                             | $\vdash$ |          | <del></del>                                      | _          | $\vdash$   |          |          | $\vdash$          | $\dashv$ |
|          | 150                             |          | -        | H  |            | $\vdash$   |          | -        | $\vdash$          | $\dashv$ |
|          | .50                             |          | -        |  |            | لــــا   |          | ۰.       |                   |          |